



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/015,483

12/10/2001

Andras Kalmar

PHAT 000070

6633

24737

7590

05/03/2006

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

TOPGYAL, GELEK W

ART UNIT

PAPER NUMBER

2621

DATE MAILED: 05/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/015,483	KALMAR ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Gelek Topgyal	2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 10 December 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims <sup>1-5 and 7-8</sup>~~1-8~~ are rejected under 35 U.S.C. 102(b) as being anticipated by  
Matsumoto et al (US 4,847,696).

Regarding claim 1, Matsumoto teaches a recording arrangement (1) for recording an information signal (FS) of an information broadcast during a programmed recording time slot (AZ), the arrangement having:

receiving means (3) for receiving the information signal (FS) (Fig. 21, Element 71, and its' disclosure teaches a tuner that is capable of receiving information from broadcasting stations), and having;

recording means (5) for recording the received information signal (FS) on a record carrier (6) (Fig. 9, col. 8, lines 36-42, teaches a storage device that records onto it broadcast programs), and having;

display means (10) for supplying OSD information (OSD) to a display device (9) connectable to the recording arrangement (1) in order to display the OSD information (OSD), which OSD information (OSD) includes programmable selection time slots (AW) and/or programmed recording time slots (AZ) in a two-dimensional graphics display (11; 18), a first dimension of the two-dimensional

TTG  
5/1/66

graphics display (11; 18) being defined by a time axis (ZA) and a second dimension of the two-dimensional graphics display (11; 18) being defined by a date axis (DA) (Figs. 10,11, 14A, 14b, and its' respective disclosure teaches OSD information displayed on the monitor. It teaches a time/date table that teaches a time axis and a date axis (element 43). Time slots within the table shows to the user whether a recording is already programmed (element 45) or if the time slot is open for programming recordings), and having;

programming means (13) for receiving user information (BI) which identifies at least one selection time slot (AW) and for marking this identified selection time slot (AW) as a recording time slot (AZ), as a result of which the recording arrangement (1) is programmed to record the information signal (FS) received in this recording time slot (AZ) (Figs. 10,11, 14A, 14b, and its' respective disclosure teaches the ability to schedule recording of broadcast TV programs. Element D13 – D18 allows a user to specify a certain time slot to record a TV program.)

Regarding claim 2, Matsumoto teaches a recording arrangement (1) as claimed in claim 1, in which the programming means (13) are adapted to define the information signal (FS) identified by received user information (BI) as the information signal (FS) to be received by the receiving means (3) during the recording time slot (AZ) and in which the display means (10) are adapted to insert station identification information (SKI) identifying the defined information signal (FS) into the OSD information (OSD) when this recording time slot (AZ) in the displayed OSD information (OSWD) is selected (Fig. 11,

element 44, and its' disclosure teaches that when a TV program has been scheduled to record, the name of the channel, i.e. the station identification is stored so that the correct station broadcasting the desired TV program is recorded.)

Regarding claim 3, Matsumoto teaches a recording arrangement (1) as claim in claim 1, in which one or more of the displayed selection time slots (AW) can be marked as a recording time slot (AZ) by the programming means (13), each selection time slot (AW) identifying a time interval of N minutes of the day indicated in the second dimension (DA) (Figs. 10, 11, 14A, 14B, elements 44, D13-D18, and its' respective disclosure teaches that multiple TV programs can be recorded. It is intuitive that recordings can be scheduled for periods of any lengths and therefore the time interval of N minutes for each time slot is also variable.)

Regarding claim 4, Matsumoto teaches a recording arrangement (1) as claimed in claim 1, in which the OSD information (OSD) supplied by the display means (10) includes a time axis (ZA) defining 24 hours and a date axis (DA) defining M successive days (Figs. 10, 11, 14A, 14B, and element 43, teaches that the horizontal axis is a time axis defining 24 hours, and that the date axis defines the days in a week. The days in the following weeks are also accessible as can be seen in Figs. 10 (1<sup>st</sup> week) and 11 (2<sup>nd</sup> week).)

Regarding claim 5, Matsumoto teaches a recording arrangement (1) as claimed in claim 4, in which the programming means (13) enable user information (BI) to be received, by means of which user information M arbitrary successive days of the year can be selected for the date axis (DA) and can be displayed as OSD information (OSD)

Art Unit: 2621

(Matsumoto teaches in col. 8, line 32 – col.9, line 29 and col. 11, lines 29-51, that allows a user to schedule recordings recurring every day of the week, week days, and every day in addition to days of a week of the 1<sup>st</sup> or 2<sup>nd</sup> week).

Method claims 7 and 8 are rejected for the same reasons as stated above in arrangement (apparatus) claims 1 and 3, respectively.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Matsumoto (US 4,847,696) and in view of Inoue (US 6,185,360).

Regarding claim 6, Matsumoto teaches a recording arrangement (1) as claimed in claim 1, but fails to expressly teach that the receiving means (3) are adapted to receive program information (PI), and in which the programming means (13) are adapted to derive a title (T) of a programmed information broadcast from the received program information (PI), and in which the display means (10) are adapted to insert the derived title (T) into the OSD information (OSD).

In an analogous art, Inoue teaches a recording apparatus that derives program title information and displays it on the screen by way of a controller (Fig. 1, element 23) as can be seen on Figs. 6A – 7C. Figs. 6A-7C are examples of EPG data that is used to

show the user of reserved recordings, as can be seen with program slots that are shaded (col. 8, lines 32- 67).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the program information in the form of titles to be displayed as taught by Inoue into Matsumoto's recording apparatus to allow a user to easily identify the TV programs that are scheduled to record. Sometimes users can forget the TV program that is going to air on a certain channel at a given time slot, but when the TV displays the title of the program, it gives the ability to the user for easy identification.

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ishii et al (US 5,379,153) teaches a system that allows a user to preset recordings in a monthly and weekly planner.

Milnes et al (US 6,567,606) teaches an on screen VCR programming guide that can display several different types of time intervals.

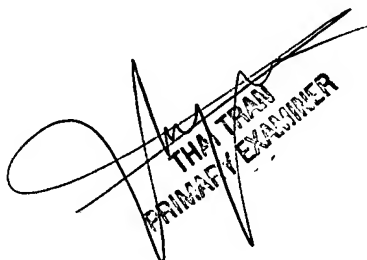
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gelek Topgyal whose telephone number is 571-272-8891. The examiner can normally be reached on 8:30am -5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2621

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gelek Topgyal  
4/20/2006

  
THA TRAN  
PRIMARY EXAMINER